



# 2021 Astrophysics Medium Explorers (MIDEX) and Mission of Opportunity

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# Safety & Mission Assurance (1 of 2)

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- Mission Risk Classification is defined as C per NPR 8705.4
  - GSFC Explorers and Heliophysics Programs Division (EHPD) Mission Assurance Requirements (MAR)
    - Class C MAR Released 09/07/2017
    - EHPD-RQMT-0001, rev A
  - Implementation of the MAR will be defined in the Mission Assurance Implementation Plan (MAIP)
    - A draft MAR Compliance Matrix and MAIP to be developed during Phase A and delivered with the concept study report.
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# Safety & Mission Assurance (2 of 2)

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- MAIP can be based on existing organizational practices if compliant to MAR requirements
  - List of expected deviations to the MAR is required
    - Deviations should be captured in the compliance matrix and can be addressed in the MAIP if adequately documented
  - List of potential radioactive materials are required
  - A well documented MAR Compliance Matrix and MAIP are invaluable
  - Additional SMA Requirements may be levied by the access to space provider (ISS, spacecraft host, rideshare provider, etc.)
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